

EUROPEAN PATENT APPLICATION

Application number: 88303927.3

Int. Cl.⁵ **G03G 5/07 , C08G 77/60**

Date of filing: 29.04.88

Priority: 01.05.87 US 44615

Date of publication of application:
02.11.88 Bulletin 88/44

Designated Contracting States:
DE FR GB

Date of deferred publication of the search report:
18.04.90 Bulletin 90/16

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Photoresponsive imaging members with high molecular weight polysilylene hole transporting compositions.

Photoresponsive imaging members comprising hole transporting polysilylene compounds with a single peak molecular weight distribution, and wherein the polysilylenes selected have excluded therefrom molecular weight fractions of less than 50,000 thereby enabling, for example, the resulting imaging members to be substantially resistant to liquid ink developer compositions for an extended number of imaging cycles when these members are incorporated into electrostatographic imaging devices.

EP 0 289 348 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A,D	EP-A-0 189 991 (Xerox) * Claim * ---	1-10	G 03 G 5/07 C 08 G 77/60
A	GB-A-2 156 834 (US. Department of Energy) * Abstract; claims; p. 4, l. 58-65 * & US-A-4 588 801 (Cat. D,A) ---	1-5	
P,X	EP-A-0 251 216 (Yuki Gosei Kogyo) * Abstract; p. 3, l. 51-56; claims * ---	1-5	
P,X	EP-A-0 252 391 (Yuki Gosei Kogyo) * Abstract; p. 3, l. 52-57; claims * -----	1-5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 03 G C 08 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 03-01-1990	Examiner VANHECKE H.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	